

Immunoprecipitating Rabbit Anti-Delta Opioid Receptor Serum

IP-3922

Lot # 10409

This antiserum was raised in a rabbit which was immunized with a peptide analogue of the carboxyl terminal of the delta opioid receptor covalently attached onto a carrier protein. The antiserum is specific for the carboxyl terminal region of the delta opioid receptor and has been shown by RIA techniques to immunoprecipitate the delta opioid receptor. Dilute the lyophilized antiserum with 0.1 ml of 10 mg/ml BSA in PBS for the equivalent of whole antiserum, or with additional buffer for more dilute antiserum.

Antiserum Specificity

Polypeptide	% Cross Reactivity
Delta Opioid Receptor (360-372)	100
Delta Opioid Receptor	60
Mu Opioid Receptor (391-398)	0
Mu Opioid Receptor	0
Kappa Opioid Receptor (346-380)	0
Kappa Opioid Receptor	0

Immunoprecipitation

This rabbit antiserum will immunoprecipitate the delta opioid receptor at dilutions ranging from 1:250 to 1:2,000 depending upon the amount of receptor contained in the sample and the procedure used. We have tested this antiserum using both double antibody precipitation and magnetic bead techniques.